

Specifications

Overall dimensions (WxDxH)	24.5 x 7.0 x 6.2 cm
Gel tank dimensions (WxDxH)	18.3 x 16.4 x 5.6 cm
Maximum sample capacity	112 samples (4 combs)
Buffer tank volume	Maximum 250 mL
Gel capacity	1 large (12.5 x 13 cm) 2 small (12.5 x 6 cm) 4 micro (6 x 6 cm)
Input voltage	Universal, AC 100 - 240V, 50/60 Hz
Output voltage	10 to 150 Volts
Output current	10 to 400 mA
Maximum wattage	45 W
Timer	Maximum 99 hours, 59 minutes or continuous, audible alert at end of run
Memory function	Last parameters saved in memory
Safety	Microsensor (magnetic) in power supply, no output without safety lid in place, automatic crossover, no load and load change detection

Ordering Information

Description

VWR Mini Gel II Complete Electrophoresis System with gel tank, direct connection power supply, and standard gel casting set, with EU plug

As above, UK plug

As above, Swiss plug

Large UV transparent gel trays, 12.5 x 12 cm, set of 2

Small UV transparent gel trays, 12.5 x 6 cm, set of 2

Micro UV transparent gel trays, 6 x 6 cm, set of 4

Gel comb, 1 mm x 14/28 teeth, reversible, set of 2

Gel comb, 1 mm x 5/8 teeth, reversible, set of 2

Micro casting set - includes 4 each 6 x 6 cm UV transparent gel trays, 2 each 1 mm x 5/8 tooth combs and a casting stand

Casting stand, for all gel sizes

Standard casting set - includes 2 each 12.5 x 12 cm gel trays, 2 each 12.5 x 6 cm gel trays, 4 each 1 mm x 14/28 tooth combs and a casting stand

Agarose, DNA grade (100 bp - 23 kb)

Agarose DNA grade Electran® BDA, 100 g

Agarose DNA grade Electran® BDA, 250 g

Agarose DNA grade Electran® BDA, 500 g

Agarose DNA grade Electran® BDA, 1 kg

Agarose High Resolution Plus (20 bp - 800 bp)

Agarose High Resolution Plus Analytical Electran® BDH, 25 g

Agarose High Resolution Plus Analytical Electran® BDH, 100 g

Ladders

100bp DNA ladder, BDH, 11 100-1,500 bp, 250 µl

1 kb DNA ladder, BDH, 13 250-10,000 bp, 500 µl

For more information - ask for the "All You need for Electrophoresis" flyer

Cat. No.
700-0003

700-0004

700-0005

700-0006

700-0007

700-0008

700-0009

700-0010

700-0011

700-0012

700-0013

438792U

438793H

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438795A

437472D

437473E

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VWR

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VWR®
Mini Gel II
Complete Electrophoresis System

VWR® Mini Gel II - A complete horizontal electrophoresis system

Complete System

The VWR Mini Gel II includes all components necessary to cast and run horizontal gels: gel trays, combs, casting stand, gel tank and digital power supply.

Vented Lid

The lid of the gel box is vented to dissipate heat produced during electrophoresis. The lid simply sits on top of the gel box to prevent sloshing of the gel when putting on or removing.

High Throughput

Two smaller gels can be run in the gel box simultaneously. Alternatively, one larger gel with multiple combs will accommodate up to 112 samples.

Molded Construction

The migration tank and gel trays are molded for leakproof performance and a long service life.

Electrode Cassettes

The electrodes are contained in cassettes to protect them from damage. In the event that an electrode is damaged, the cassettes allow for easy replacement.

Effortless Gel Casting

The unique casting sets are designed for pouring gels without the use of tape or spacers. Casting trays feature multiple slots for holding combs in place.

Standard Casting Set

Includes one 12.5 x 13 cm and two 12.5 x 6 cm gel trays. Four multichannel compatible, dual format reversible combs are supplied and include 14 teeth on one side and 28 on the other.

Optional accessories

Micro gel trays (6x6 cm) are also available. Up to four of these gels can be run in the VWR Mini Gel II at one time. They also fit into the standard casting stand.

Built-in Safety

The power supply features a magnetic sensor that allows current to flow to the electrodes only when the lid is in place. If the lid is removed while the system is operating, current is immediately shut down.

Large Digital Display

All parameters are shown on the large digital display that is easily visible from a distance. A audible alert also alerts the user to expiration of run time.

Set Voltage or Amperage

The power supply can be set to either constant voltage or constant current with automatic crossover between the two parameters.

No Tangled Leads

The power supply connects directly to the gel box. There are no leads to get tangled and the proper connection is guaranteed every time.

Simple Operation

The mode and arrow keys on the membrane key pad make programming the power supply easy. All parameters are shown on the large digital display.

Removable Power Supply

The power supply easily disconnects from the gel box so the gel box can be cleaned. Simply press the eject button to separate the two components and pull them apart. To reconnect, just press the two pieces together.

Agarose and Ladders

For your electrophoresis needs, VWR offers DNA grade agarose, high resolution agarose and DNA ladders. For additional information on these products, ask for the "All You need for Electrophoresis" flyer.

